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2014 JUL 31 P 1:45
WEST VIRGINIA
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS

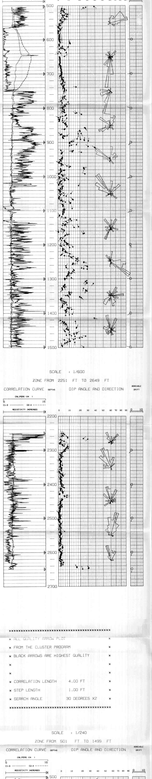
REVISIONS	
DRAWN BY	JAMES CUNNINGHAM
SCALE	1" = 1000'
DATE	JULY 30, 2014
API NO.	47 - 051 - 02
OPERATOR'S WELL NO.	MARSH FORK ELEM. SCHOOL 1H
WELL TYPE	OIL / GAS / LIQUID INJECTION / STORAGE / DEEP / SHALLOW
LOCATION	ELEVATION: 1,165' WATERSHED: MARSH FORK
	DISTRICT: MAJORSVILLE COUNTY: MARSHALL
	QUADRANGLE: MAJORSVILLE
	SURFACE OWNER: MARSH FORK ELEMENTARY SCHOOL
	ROYALTY OWNER: CONSOL MINING COMPANY LLC
PROPOSED WORK	DRILL / CONVERT / DRILL DEEPER / REDRILL / FRACTURE OR STIMULATE / PLUG OFF OLD FORMATION / PERFORATE NEW FORMATION / OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
	PLUG AND ABANDON / CLEAN OUT AND REPLUG
	TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,649' TMD: 15,649'
	WELL OPERATOR: CONSOL GAS COMPANY DESIGNATED AGENT: CT CORPORATION
	ADDRESS: 1000 CONSOL ENERGY DRIVE ADDRESS: 5400 D BIG TYLER ROAD
	CITY: CANONSBURG STATE: PA ZIP CODE: 15317 CITY: CHARLESTON STATE: WV ZIP CODE: 25313

- POOLED MARSH PLOT
- # LEVELS POOLED WHEN WITHIN
- 0.5 DEGREES SLID ANGLE
- BLOCK MARSHES ARE POOLED RESULTS
- CORRELATION LENGTH 4.00 FT
- STEP LENGTH 1.00 FT
- SEARCH ANGLE 30 DEGREES X 2

SCALE - 1:4800

ZONE FROM 5123 FT TO 14991 FT

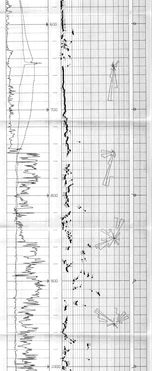
CORRELATION CURVE gamma DIP ANGLE AND DIRECTION



SCALE - 1:4800

ZONE FROM 2251 FT TO 15649 FT

CORRELATION CURVE gamma DIP ANGLE AND DIRECTION

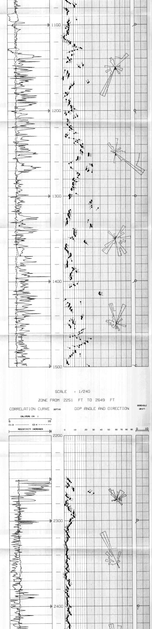


- ALL QUALITY MARSH PLOT
- FROM THE CLUSTER PROGRAM
- BLOCK MARSHES ARE HIGHEST QUALITY
- CORRELATION LENGTH 4.00 FT
- STEP LENGTH 1.00 FT
- SEARCH ANGLE 30 DEGREES X2

SCALE - 1:4240

ZONE FROM 5123 FT TO 14991 FT

CORRELATION CURVE gamma DIP ANGLE AND DIRECTION



SCALE - 1:4240

ZONE FROM 2251 FT TO 15649 FT

CORRELATION CURVE gamma DIP ANGLE AND DIRECTION